



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/602,694 Confirmation No.: 8435
Applicant: Sommadossi *et al.*
Filed: June 20, 2003
TC/A.AU.: 1614
Examiner: Unassigned

Docket No.: 06171.105073 IDX 1006 CON1
Customer No.: 20786
Title: Methods and Compositions for Treating Flaviviruses and Pestiviruses

Commissioner for Patents
P. O. Box 1450
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Respectfully submitted,

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Applicants: Sommadossi *et al.*

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Papers Submitted: 1. Transmittal Letter (1 p.)
 2. Information Disclosure Statement (6 p.)
 3. Copy of References (112)
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Attorney Sherry M. Knowles, Esq.

Date Mailed March __, 2004

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet **1** of **6****Complete if Known**

Application Number	10/602,694
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Group Art Unit	1614
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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pgs, Clms, Lns, Where Relevant Passages/Relevant Figs Appear
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		Office ³ Number	Kind Code ²	(if known)				
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Sheet

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First Named Inventor

Sommadosi *et al.*

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				Application Number	10/602,694
				Filing Date	June 20, 2003
				First Named Inventor	Sommadossi <i>et al.</i>
				Group Art Unit	1614
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Sheet	3	of	6		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
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Examiner Signature		Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **6** of **6****Complete if Known**

Application Number	10/602,694
Filing Date	June 20, 2003
First Named Inventor	Sommadossi <i>et al.</i>
Group Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	06171.105073 IDX 1006 CON1

3425635 1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	FA	SAMANO, V., <i>et al.</i> , "Nucleic acid related compounds. 77. 2',3'-Didehydro-2',3'-dideoxy-2'(and 3')-methyl nucleosides via [3,3]-sigmatropic rearrangements of 2'(and 3')-methylene-3'(and 2')-O-thiocarbonyl derivatives and radical reduction of a 2'-chloro-3'-methylene analogue," <i>Can. J. Chem.</i> , 71:186-191 (1993).	
	FB	SCHMIT, C., <i>et al.</i> , "The effects of 2'- and 3'-alkyl substituents on oligonucleotide hybridization and stability," <i>Bioorganic & Medicinal Chemistry Letters</i> , 4(16):1969-1974 (1994). ["Altmann"]	
	FC	SERAFINOWSKI, P.J., <i>et al.</i> , "New method for the preparation of some 2'- and 3'-trifluoromethyl-2',3'-dideoxyuridine derivatives," <i>Tetrahedron</i> (Elsevier Science Publishers), 56(2):333-339 (1999).	
	FD	SHARMA, P.K., <i>et al.</i> , "Synthesis of 3'-trifluoromethyl nucleosides as potential antiviral agents," <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 19(4):757-774 (2000).	
	FE	SOMMADOSSI J-P, <i>et al.</i> , "Comparison of cytotoxicity of the (-)- and (+)-enantiomer of 2',3'-dideoxy-3'-thiacytidine in normal human bone marrow progenitor cells" <i>Biochemical Pharmacology</i> , 44:1921-1925 (1992).	
	FF	SOMMADOSSI J-P, <i>et al.</i> , "Toxicity of 3'-azido-3'-deoxythymidine and 9-(1,3-dihydroxy-2-propoxymethyl)guanine for normal human hematopoietic progenitor cells in vitro" <i>Antimicrobial Agents and Chemotherapy</i> , 31:452-454 (1987).	
	FG	TRITSCH, D., <i>et al.</i> , "3'-β-ethynyl and 2'-deoxy-3'-β-ethynyl adenosines: First 3'-β-branched adenosines substrates of adenosine deaminase," <i>Bioorganic & Medicinal Chemistry Letters</i> , 10:139-141 (2000).	
	FH	TUNITSKAYA, V.L., <i>et al.</i> , "Substrate properties of C'-methyl UTP derivatives in T7 RNA polymerase reactions. Evidence for N-type NTP conformation," <i>FEBS Letters</i> , 400:263-266 (1997).	
	FI	USUI, H., <i>et al.</i> , "Synthesis of 2'-deoxy-8,2'-ethanoadenosine and 3'-deoxy-8,3'-ethanoadenosine (Nucleosides and Nucleotides. LXIV)," <i>Chem. Pharm. Bull.</i> , 34(1):15-23 (1986).	
	FJ	WALCZAK, K., <i>et al.</i> , "Synthesis of 1-(3-alkyl-2,3-dideoxy-D-pentofuranosyl)uracils with potential anti-HIV activity," <i>Acta Chemica Scand.</i> , 45:930-934 (1991).	
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	FL	WOLFE, M.S., <i>et al.</i> , "A concise synthesis of 2'-C-methylribonucleosides," <i>Tetrahedron Letters</i> , 36(42):7611-7614 (1995).	
	FM	WU, J.-C., <i>et al.</i> , "A new stereospecific synthesis of [3.1.0] bicyclic cyclopropano analog of 2',3'-dideoxyuridine, <i>Tetrahedron</i> , 46(7):2587-2592 (1990).	

Examiner
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Considered

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:	10/602,694	Confirmation No.:	8435
Applicant:	Sommadosi <i>et al.</i>		
Filed:	June 20, 2003		
TC/A.AU.:	1614		
Examiner:	Unassigned		
Docket No.:	06171.105073 IDX 1006 CON1		
Customer No.:	20786		
Title:	Methods and Compositions for Treating Flaviviruses and Pestiviruses		

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**BOX 1 OF 2
OF REFERENCES**